IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of:

Applicant(s): Lucy M. MacGregor et al.

Application No: 10/534.783 C/N 8906

Filing Date: December 15, 2005

Title: ELECTROMAGNETIC SURVEYING FOR HYDROCARBON

RESERVOIRS

Examiner: Kenneth Whittington

Art Unit: 2862

Docket No.: DYOUP0290US

SECOND PRELIMINARY AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please amend the application in accordance with the following appended parts:

Amendments to the Claims Remarks

Enclosures: [X] Credit Card Payment

[] Petition for Extension of Time

1 Information Disclosure Statement

In the event any fee or additional fee is due in connection with the filing of this paper, the Commissioner is authorized to charge those fees to our Deposit Account No. 18-0988 (under the above Docket Number). In the event an extension of time is needed to make the filing of this paper timely and no separate petition is attached, please consider this a petition for the requisite extension and charge the fee to our Deposit Account No. 18-0988 (under the above Docket Number).